

AKAI SERVICE MANUAL

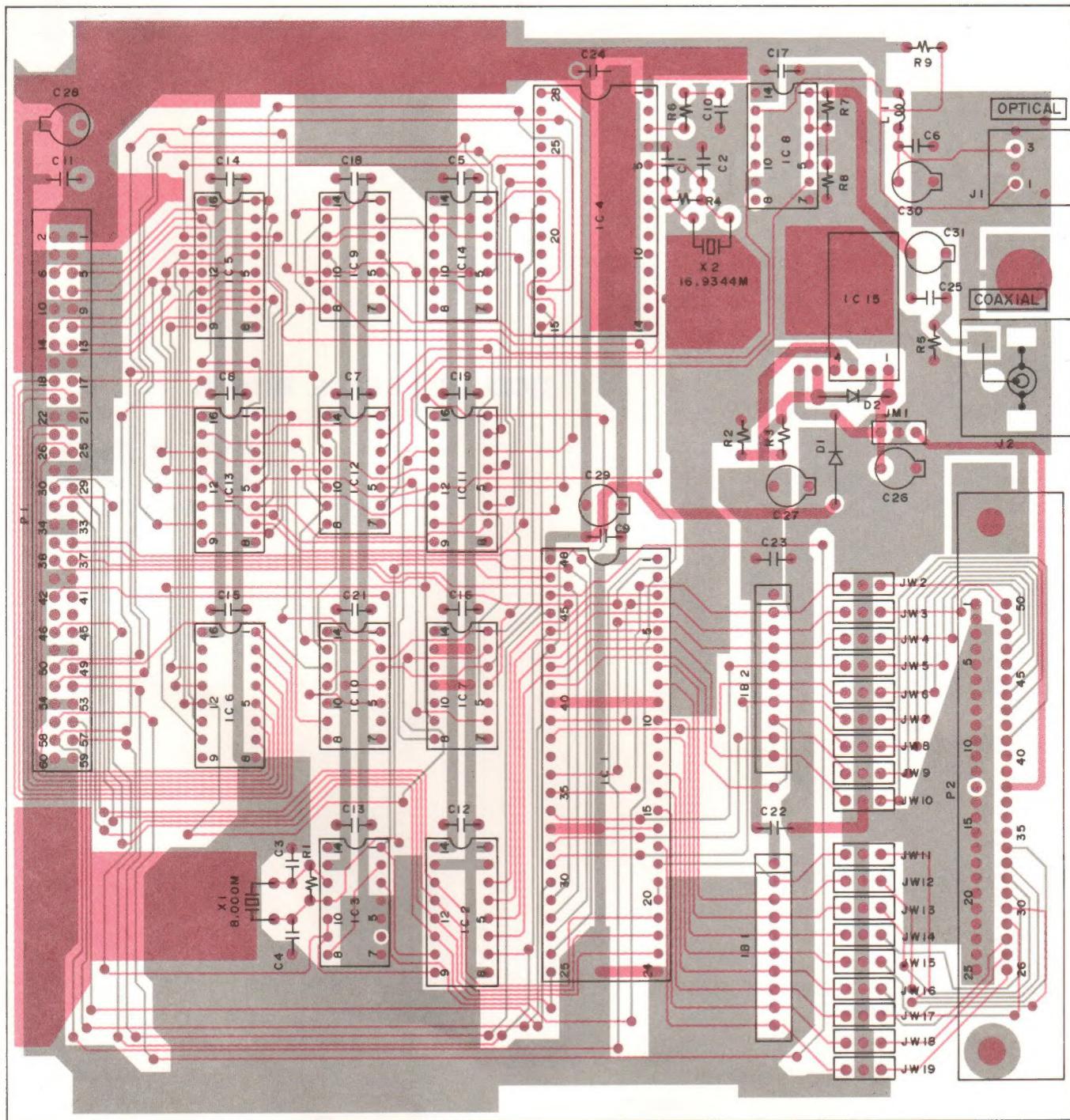
SCSI INTERFACE BOARD

IB 109
For Model S950

INFORMATION OF ICs

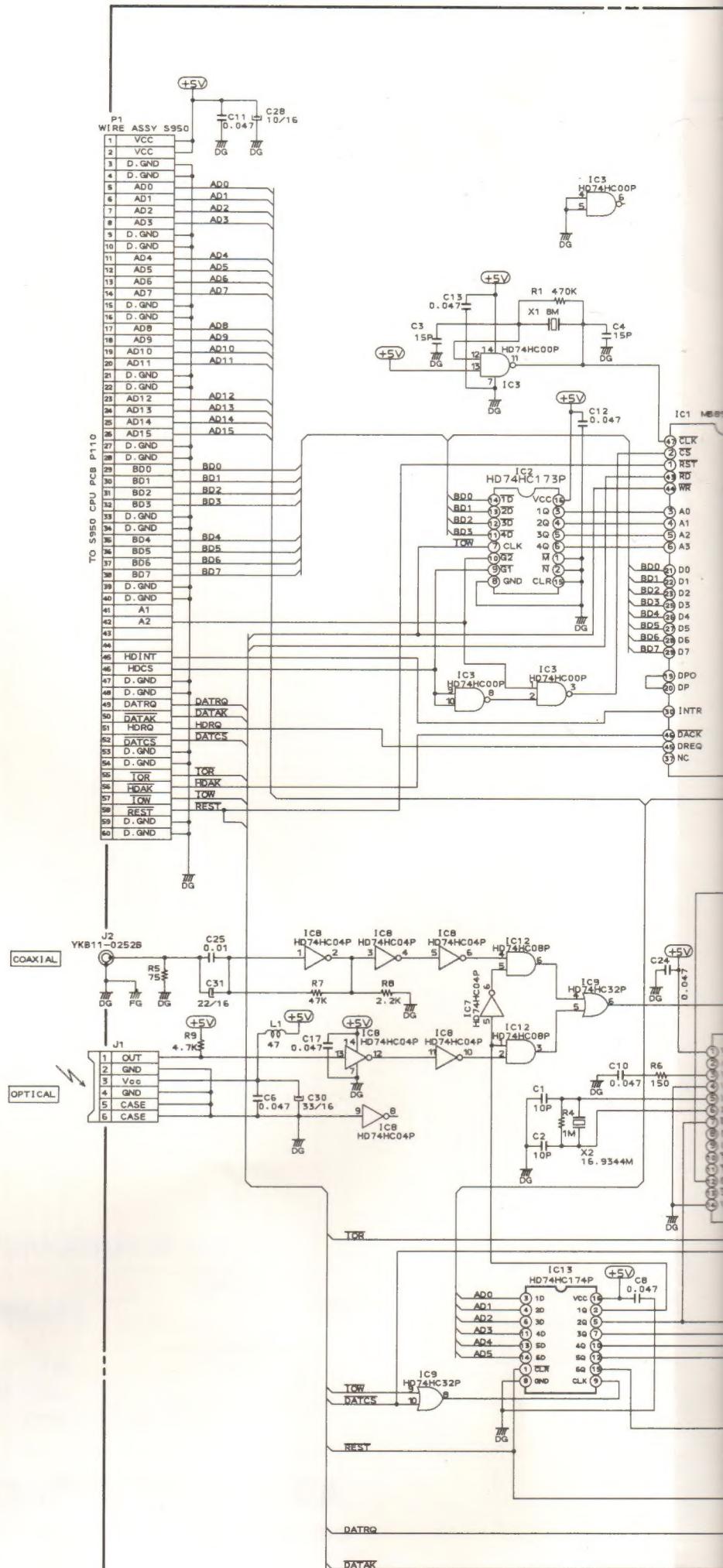
| NAME OF IC | FUNCTION |
|--------------|--|
| HD74HC00P | Quad 2 Input NAND Gate. |
| HD74HC04P | Hex Inverters. |
| HD74HC08P | Quad 2 Input AND Gate. |
| HD74HC32P | Quad 2 Input OR Gate. |
| HD74HC74P | Dual D-FFs with Preset and Clear. |
| HD74HC173P | 4 Bit Register. |
| HD74HC174P | Hex D-FFs. |
| HD74HC365P | Hex 3 State Bus Buffers. |
| HD74HC595P | 8 Bit Shift Registers with Output Latches. |
| MB89352A-P-G | SCSI Interface |
| PQ30RV1 | +5V Regulator |
| YM3623B | Digital Audio Interface Reciever. |

PC BOARD

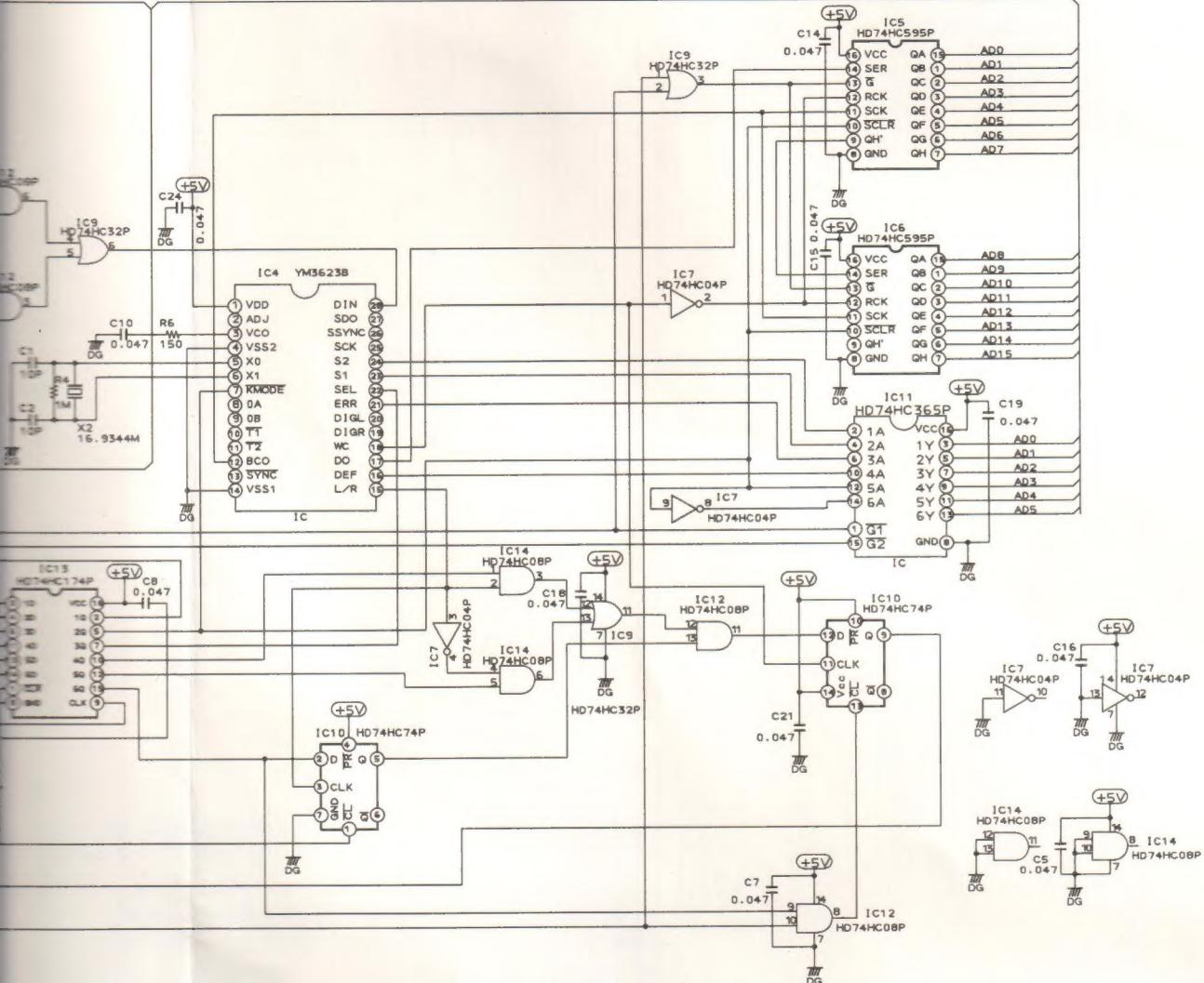
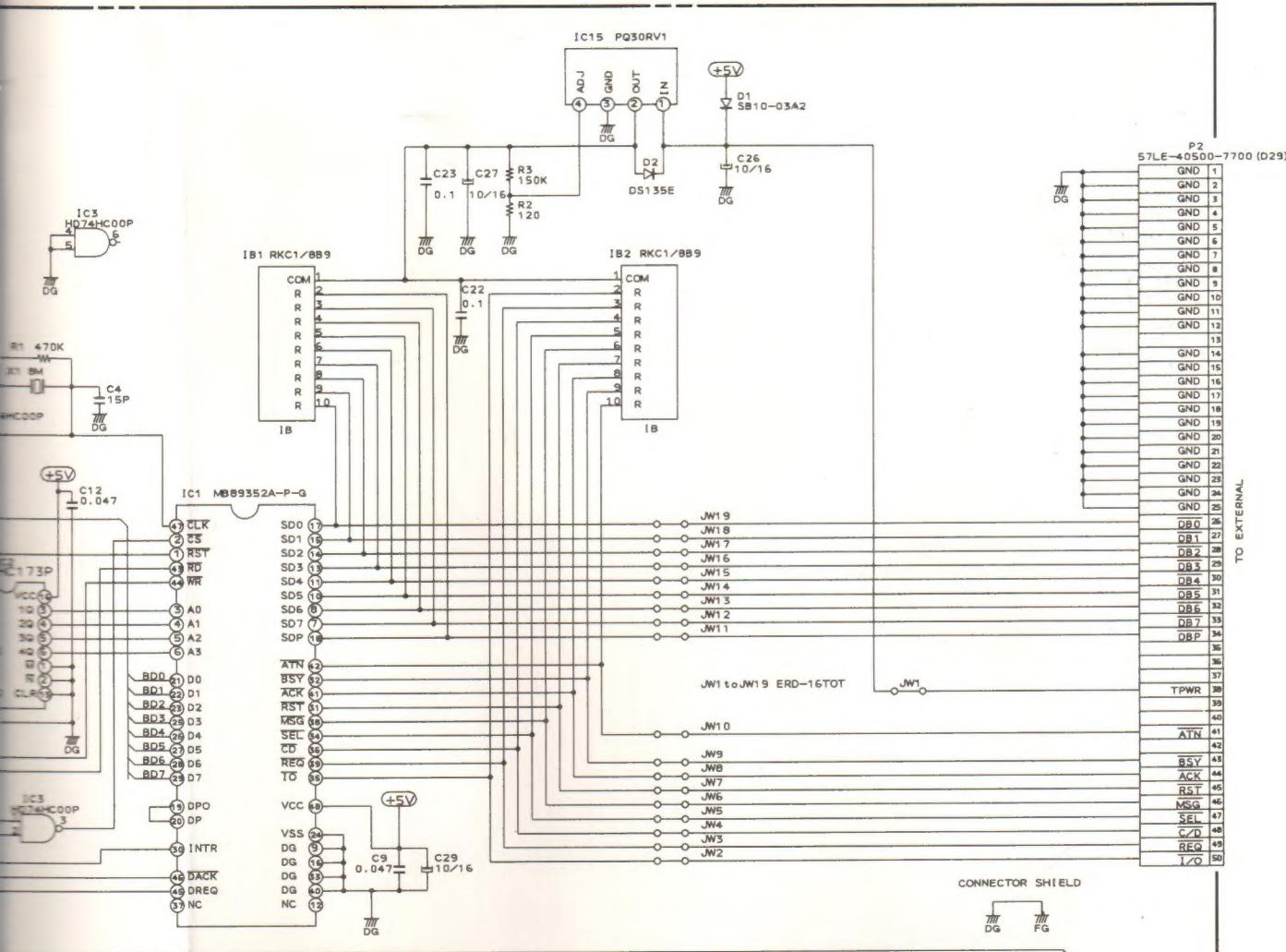


I BI09 (SCSI INTERFACE PCB) L5096B5010

SCHEMATIC DIAGRAM



NOTE:
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS
ALL CAPACITORS IN μ F (P-PF)
ALL ELECTROLYTIC CAPACITORS IN μ F/WV



PARTS LIST

2. IB-109 P.C BOARD

| Ref.No. | Part No. | Description |
|---------|------------|--------------------------------|
| D1 | ED-386143J | D SCHOTTKY SB10-03A2 |
| D2 | ED-389834J | D SILICON DS135E-FB2 F12 100/1 |
| IB1 | EH-408860J | COMP R RKC1/8B9 111J |
| IB2 | EH-408860J | COMP R RKC1/8B9 111J |
| IC1 | EI-388602J | IC MB89352A-P-G |
| IC2 | EI-396510J | IC HD74HC173P |
| IC3 | EI-388711J | IC HD74HC00P |
| IC4 | EI-379997J | IC YM3623B |
| IC5 | EI-393702J | IC HD74HC595P |
| IC6 | EI-393702J | IC HD74HC595P |
| IC7 | EI-387934J | IC HD74HC04P |
| IC8 | EI-387934J | IC HD74HC04P |
| IC9 | EI-388709J | IC HD74HC32P |
| IC10 | EI-387937J | IC HD74HC74P |
| IC11 | EI-393698J | IC HD74HC365P |
| IC12 | EI-386303J | IC HD74HC08P |
| IC13 | EI-387935J | IC HD74HC174P |
| IC14 | EI-386303J | IC HD74HC08P |
| IC15 | EI-410389J | IC PQ30RV1 |
| J1 | EJ-408862J | SOCKET OPTICAL TORX173 |
| J2 | EJ-383548J | PIN J YKB11-0252B YELLOW 1P |
| L1 | EO-351868 | COIL FIX 1 LAP02 F05 470K |
| P1 | EW-389058J | WIRE ASSY S950 60P |
| P2 | EJ-386351J | PLUG 57LE-40500-7700 (D29) |
| X1 | EI-389640J | OSC X'TAL HC-49/U 8000KHZ |
| X2 | EI-381139J | OSC X'TAL HC-49/U 16934.400KHZ |

IC FOR MODEL S950

| Ref.No. | Part No. | Description |
|---------|-------------|---|
| 1 | EI-409580J1 | IC AM27C256-150DC MSBIB109V1.2 [PROG.ROM FOR S950 IC-11] |
| 2 | EI-409579J1 | IC AM27C256-150DC LSBIB109V1.2 [PROG.ROM FOR S950 IC-12] |
| 3 | EI-397343J | IC AM27C256-150DC [BLANK ROM FOR 1 & 2] |

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